0	For receiving Office use only				
0-1	International Application No.				
0-2	International Filing Date				
V-2	International Filing Date				
	Name of marking Office and IIDCT	28. 2. 03			
0-3	Name of receiving Office and "PCT International Application"				
0-4	Form - PCT/RO/101 PCT Request				
0-4-1	Prepared using	DOM PACY Womedon 2 02			
0.4.1	Tropared deling	PCT-EASY Version 2.92			
0-5	Petition	(updated 01.01.2003)			
V-0					
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty				
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)			
0-7	Applicant's or agent's file reference	YCT-778			
J	Title of invention	CURRENT MEASURING APPARATUS			
II	Applicant				
II-1	This person is:	applicant only			
II-2	Applicant for	all designated States except US			
II-4	Name	THE TOKYO ELECTRIC POWER COMPANY,			
		INCORPORATED			
11-5	Address:	1-3, Uchisaiwai-cho 1-chome,			
		Chiyoda-ku, Tokyo 100-0011			
		Japan			
11-6	State of nationality	JP			
11-7	State of residence	JP			
lii-1	Applicant and/or inventor	•			
111-1-1	This person is:	applicant only			
III-1-2	Applicant for	all designated States except US			
III-1-4	Name	NAMIKI PRECISION JEWEL CO., LTD.			
III-1-5	Address:	3-8-22, Shinden,			
		Adachi-ku, Tokyo 123-8511			
		Japan			
III-1-6	State of nationality	JP			
III-1-7	State of residence	JP			

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	Applicant and/or Inventor	applicant and inventor			
- 1	This person is:				
	Applicant for	US only			
-2-4	Name (LAST, First)	KUROSAWA, Kiyoshi c/o The Tokyo Electric Power Company,			
1-2-5	Address:				
		Incorporated 1-3, Uchisaiwai-cho 1-chome,			
		1-3, UCNISAIWAI-CHO I CHOINE,			
		Chiyoda-ku, Tokyo 100-0011			
		Japan			
11-2-6	State of nationality	JP			
11-2-7	State of residence	JP			
11-3	Applicant and/or inventor				
11-3-1	This person is:	applicant and inventor			
111-3-2	Applicant for	US only			
111-3-4	Name (LAST, First)	HIROKI, Yoshiharu			
111-3-5	Address:	c/o The Tokyo Electric Power Company,			
		Incorporated the Aughore			
		1-3, Uchisaiwai-cho 1-chome,			
		Chiyoda-ku, Tokyo 100-0011			
		Japan			
111-3-6	State of nationality	JP			
111-3-7	State of residence	JP			
111-4	Applicant and/or Inventor	7.4			
111-4-1	This person is:	applicant and inventor			
111-4-2	Applicant for	US only			
111-4-4	Name (LAST, First)	KONNO, Yoshihiro			
111-4-5	Address:	c/o Namiki Precision Jewel Co., Ltd.			
	1	3-8-22, Shinden,			
	{	Adachi-ku, Tokyo 123-8511			
		Japan			
111-4-6	State of nationality	JP			
111-4-7	State of residence	JP			
111-5	Applicant and/or inventor				
111-5-1	1 This person is:	applicant and inventor			
111-5-2	2 Applicant for	US only			
111-5-4	" A OT FireA	SASAKI, Masaru			
111-5-		c/o Namiki Precision Jewel Co., Ltd.			
		3-8-22, Shinden,			
		Adachi-ku, Tokyo 123-8511			
		Japan			
111-5-	6 State of nationality	JP			
	-7 State of residence	JP			

YCT-778

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent					
IV-1-1	Name (LAST, First)	SHAMOTO, Ichio					
IV-1-2	Address:	YUASA AND HARA					
–		Section 206, New Ohtemachi Bldg.,					
		2-1, Ohtemachi 2-chome,					
		Chiyoda-ku, Tokyo 100-0004					
		Japan					
IV-1-3	Telephone No.	03-3270-6641					
IV-1-4	Facsimile No.	03-3246-0233					
	Additional agent(s)	additional agent(s) with same address as					
IV-2	Additional agent(3)	first named agent					
	11	MASUT Chuit: KOBAYASHI, Yasushi; CHIBA,					
IV-2-1	Name(s)	Akio; TOMITA, Hiroyuki; HOSHINO, Osamu					
	- A States	ARLO)					
V	Designation of States	AR. CH CM KE IS MW MZ SD SL SZ TZ UG ZM					
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT					
V-2	National Patent (other kinds of protection or treatment if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					

V-5	Precautionary Designation Statement	
	In addition to the designations made	
1	under items V-1 V-2 and V-3, the	
	applicant also makes under Rule 4.9(b)	
	all designations which would be	
	permitted under the PCT except any	
	designation(s) of the State(s) indicated	
	under item V-6 below. The applicant	
	declares that those additional	
	designations are subject to confirmation	
	and that any designation which is not	
	confirmed before the expiration of 15	
	months from the priority date is to be	
	regarded as withdrawn by the applicant	
	at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary	NONE
V-0	designations	
VI-1	Priority claim of earlier national	
V 1- 1	application	
VI-1-1	Filing date	01 March 2002 (01.03.2002)
	1	055231/2002
VI-1-2	Number	
VI-1-3	Country	JP
VI-2	Priority document request	
	The receiving Office is requested to	VI-1
	prepare and transmit to the	
	International Bureau a certified copy of	
	the earlier application(s) identified	
	above as item(s):	Japan Patent Office (JPO) (ISA/JP)
VII-1	International Searching Authority	Japan Patent Office (010) (110)
	Chosen	Number of declarations
VIII	Declarations	
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's	1.
VIII-2	entitlement, as at the international filing]
	date, to apply for and be granted a	
	patent	
VIII-3	Declaration as to the applicant's	T-
VIII-3	entitlement as at the international filing	
	date, to claim the priority of the earlier	
	application	
VIII-4	Declaration of inventorship (only for the	T-
V 1114	purposes of the designation of the	
	United States of America)	
VIII-5	Declaration as to non-prejudicial	-
VIII-5	disclosures or exceptions to lack of	
	novelty	number of sheets electronic file(s) attached
IX	Check list	(Idamo).
IX-1	Request (including declaration sheets)	6 -
1X-2	Description	26
IX-3	Claims	6
IX-4	Abstract	1
IX-5	Drawings	13 -
IX-7	TOTAL	52

	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
X-9	Original separate power of attorney	✓	_
X-17	PCT-EASY diskette	-	Diskette
X-19	Figure of the drawings which should accompany the abstract		
X-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	SHAMOTO, Ichio	(Seal)
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	MASUI, Chuji	(Seal)
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	KOBAYASHI, Yasushi	(Seal)
X-4	Signature of applicant, agent or common representative		
X-4-1	Name (LAST, First)	CHIBA, Akio	(Seal)
X-5	Signature of applicant, agent or common representative		
X-5-1	Name (LAST, First)	TOMITA, Hiroyuki	(Seal)
X-6	Signature of applicant, agent or common representative		
X-6-1	Name (LAST, First)	HOSHINO, Osamu	(Seal)
	FOR	RECEIVING OFFICE USE ONLY	•
10-1	Date of actual receipt of the purported international application		
10.2	Drawings:		

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by		 	
	the International Bureau			